State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-84
Relating to Certification of New Motor Vehicles

NISSAN MOTOR COMPANY, LTD.

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1985 model-year Nissan Motor Company, Ltd. exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
FNS2.4T9FAC8	145.8 (2.4)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.39	9.0	1.0
4000-5999	0.50	9.0	1.0

The following are the certification emission values for the above engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.18	5.3	0.6
4000-5999	0.15	5.0	0.8

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 10th day of August, 1984.

K. D. Drachand, Chief
Mobile Source Division

17.01.02.00 1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD. Executive Order No. A-15-84

Engine Family FNS2.4T9FAC8 Evaporative Family 5ECC-2

Engine CID (Liters) 2.4

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Exhaust Emissions Control System
AIP-Air Injection-Pump
AIV-Air Induction-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TR-Thermal Reactor
TWC-Three Way Catalyst System
ECC-Electronic Control Carburetor
ECCS-Electronic Concentrated Control System

Special Features
CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
MFI-Mechanical Fuel Injection
TC-Turbocharged

Fuel System
CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

DRIVE SYSTEM: 2WD : Front Engine Transmission Rear Axle
4WD : Front Engine Transmission 4WD

Engine Code	Model	Transmission
BZ24SCM1 AZ24SCM1	NISSAN TRUCK REGULAR BED NISSAN TRUCK LONG BED NISSAN TRUCK KING CAB	5 Speed Manual
BZ24SCM3 AZ24SCM3	NISSAN TRUCK REGULAR BED 4WD NISSAN TRUCK LONG BED 4WD NISSAN TRUCK KING CAB 4WD	5 Speed Manual
BZ24SCM4 AZ24SCM4	NISSAN TRUCK CAB & CHASSIS (DOUBLE TIRE) NISSAN TRUCK HEAVY DUTY LONG BED	5 Speed Manual
BZ24SCA1 AZ24SCA1	NISSAN TRUCK REGULAR BED NISSAN TRUCK LONG BED NISSAN TRUCK KING CAB	Automatic

Issue Date: 06/27/84
Revision Date:

17.01.02.00- cont.

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

__ Passenger Cars _X_ Light-Duty Trucks __ Medium-Duty Vehicles _X_ Gas __ Diesel

Manufacturer NISSAN MOTOR CO., LTD. E.O. #A -15-84

Engine Family FNS2.4T9FAC8 CID(liter) - Type 2.4 - In-line 4, OHC

ECS (Special Features) N.A.

Engine Code	Vehicle Models*	Trans.	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
BZ24SCM1 AZ24SCM1	TRUCK HEAVY DUTY	M5	Distributor D4N84-02	Carburetor DFP384-5	* BPT VALVE ATI75-7 EGR VALVE AEY76-88	Vehicle Emission Control Information 14805 80W00 Vacuum Hose Routing Diagram 22304 10W11
BZ24SCM3 AZ24SCM3	TRUCK 4WD	M5	Distributor D4N84-02	Carburetor DFP384-5		Vehicle Emission Control Information 14805 80W00 Vacuum Hose Routing Diagram 22304 10W11
BZ24SCM4 AZ24SCM4	CAB & CHASSIS	M5	Distributor D4N84-06	Carburetor DFP384-13		Vehicle Emission Control Information For Cab Chassis 14805 80W05 Vacuum Hose Routing Diagram 22304 80W05
BZ24SCA1 AZ24SCA1	TRUCK	L3	Distributor D4N84-02	Carburetor DFP384-6		Vehicle Emission Control Information 14805 80W00 Vacuum Hose Routing Diagram 22304 80W10

Comments: See page before for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment on 17.01.03.00.

* See page before.

Issue Date: 06/27/84
Revision Date:

A-15-84

7.01.03.00 Test Weight/Horsepower List

Vehicle Model	Test Weight	Test Horsepower		
		Determination Method	With A/C factor	Without A/C factor
TRUCK REGULAR BED	3000	Coastdown	N.A.	11.4
TRUCK LONG BED	3125			
TRUCK KING CAB	3125			10.6
TRUCK HEAVY DUTY	3125			11.8
TRUCK CAB & CHASSIS DOUBLE TIRE	3875	Frontal Area		22.5
TRUCK REGULAR BED 4WD	3375			14.5
	3500			
TRUCK LONG BED 4WD	3500			
TRUCK KING CAB 4WD	3500			